

**CLAIMS**

1. Use of a cementitious mortar comprising a fast-setting hydraulic binder, fluidifiers and/or superfluidifiers, setting regulators, aggregates, and water, said aggregates  
5 being made up of two fractions with different grain size and the ratio between the characteristic grain diameters of the two fractions of aggregates being comprised between 2.2 and 3.2, in the production of cementitious products by means of pouring in foundry moulds.
- 10 2. Use according to Claim 1 where, in the mortar used, the ratio between the characteristic grain diameters of the two fractions of aggregates is comprised between 2.5 and 3.0.
3. Use according to Claims 1-2, where, in the mortar used, the characteristic grain diameter of one fraction is  
15 comprised between 0.2 mm and 0.4 mm, and the characteristic grain diameter of the other fraction is comprised between 0.6 mm and 0.8 mm.
4. Use according to Claims 1-3, where, in the mortar used, both of the fractions of aggregates are substantially  
20 monogranular.
5. Use according to Claims 1-4, where, in the mortar used, each of the two fractions represents approximately 50 wt% with respect to the total aggregates present.
6. Use according to Claims 1-5, where the mortar used  
25 contains additives for cementitious mixes.
7. Use according to Claims 1-6, where said additives include waterproofing agents, organic resins, air-entraining agents, and expansive agents.
8. Use according to Claims 1-7, where the mortar used is  
30 obtained by means of mixing with water of a dry premix comprising a fast-setting hydraulic binder, fluidifiers and/or superfluidifiers, setting regulators, and aggregates, where said aggregates are made up of two fractions having different grain size, and the ratio between the  
35 characteristic grain diameters of the two fractions of

aggregates is comprised between 2.2 and 3.2.